

What is claimed is:

CLAIMS

1. A method for regulating the expression level of a foreign gene within a replicable paramyxovirus vector, wherein said method comprises a step of locating the foreign gene downstream of a gene encoding a viral protein in the negative strand genomic RNA contained with said vector.
2. The method of claim 1, wherein said method comprises a step selected from the group consisting of (a) to (f) below,
 - (a) a step of inserting the foreign gene between the 1st gene encoding a viral protein and the 2nd gene encoding a viral protein from the 3' end of the negative strand genomic RNA contained within the vector;
 - (b) a step of inserting the foreign gene between the 2nd gene encoding a viral protein and the 3rd gene encoding a viral protein from the 3' end of the negative strand genomic RNA contained within the vector;
 - (c) a step of inserting the foreign gene between the 3rd gene encoding a viral protein and the 4th gene encoding a viral protein from the 3' end of the negative strand genomic RNA contained within the vector;
 - (d) a step of inserting the foreign gene between the 4th gene encoding a viral protein and the 5th gene encoding a viral protein from the 3' end of the negative strand genomic RNA contained within the vector;
 - (e) a step of inserting the foreign gene between the 5th gene encoding a viral protein and the 6th gene encoding a viral protein from the 3' end of the negative strand genomic RNA contained within the vector; and

(f) a step of inserting the foreign gene between the 6th gene encoding a viral protein from the 3' end of the negative strand genomic RNA contained within the vector, and the 5' end of said negative strand genomic RNA.

3. The method of claim 2, wherein the 1st to 6th genes encoding viral proteins, counting from the 3' end to the 5' end of the negative strand genomic RNA contained within the vector, are in the following order: NP gene, P gene, M gene, F gene, HN gene, and L gene.

4. The method of claim 1, wherein the vector is a Sendai virus vector.